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EXAMINER

FLEURANTIN, JEAN B

ART UNIT

PAPER NUMBER

2162

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11/20/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

09/970,968

Applicant(s)

KURAMOCHI, SHINGO

Examiner

JEAN B. FLEURANTIN

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2162

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 September 2008.
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) 1, 2, 4-8 and 12-25 is/are rejected.
7) ☒ Claim(s) 3 & 9 is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/C)
Paper No(s)/Mail Date _____
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____

DETAILED ACTION

1. This is in response to Applicant(s) arguments filed on 09/08/2008.

The following is the current status of claims:

Claims 1-25 remain pending for examination.

Response to Arguments

In response to applicant's argument, filed 09/08/2008, section (35 U.S.C. § 103(a) Rejections), that "no proper combination of these documents discloses or suggest at least the features of claims 1, 6 and 10" have been fully considered but they are not persuasive because the combination of USPTN 5,867,110 issued to Naito et al. ("Naito") in view of USPTN 6,263,347 issued to Kobayashi et al. ("Kobayashi") and USPTN 5,835,916 issued to Inaki et al. ("Inaki") and further in view of USPTN 5,544,052 issued to Fujita et al. ("Fujita") discloses the claimed limitations. The Examiner maintains the previous rejection.

However, the limitations of claims 3, 9 and 12 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Moreover, upon further reviewing the claims, claims 10-12, 13-16, 20 and 25 are rejected under 35 U.S.C. § 101 set forth in section 2.

It is noted, that during patent examination, the pending claims must be "given the broadest reasonable interpretation consistent with the specification" Applicant always has the opportunity to amend the claims during prosecution and broad interpretation by the examiner reduces the possibility that the claim, once issued, will be interpreted more broadly than is justified. In re Prater, 162 USPQ 541,550-51 (CCPA 1969). The court found that applicant was advocating ... the impermissible importation of subject matter from the specification into the claim. See also In re Morris, 127 F.3d 1048, 1054-55, 44 USPQ2d 1023, 1027-28 (Fed. Cir. 1997) (The court held that the PTO is not required, in the course of prosecution, to interpret claims in applications in the same manner as a court would interpret claims in an infringement

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suit. Rather, the "PTO applies to verbiage of the proposed claims the broadest reasonable meaning of the words in their ordinary usage as they would be understood by one of ordinary skill in the art, taking into account whatever enlightenment by way of definition or otherwise that may be afforded by the written description contained in application's specification.") MPEP 2111.

The broadest reasonable interpretation of the claims must also be consistent with the interpretation that those skilled in the art would reach. In re Cortright, 165 F.3d 1353, 1359, 49 USPQ2d 1464, 1468 (Fed. Cir. 1999).

Claim Rejections - 35 USC § 101

2. 35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

Claims 10-12, 13-16, 20 and 25 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter.

As set forth in MPEP 2106:

As per independent claim 10

The independent claim 10 is directed to an "apparatus". The claimed steps are not being performed by any form of computer hardware component. The claimed, "apparatus" fails to fall with one of four statutory categories of invention, process, machine, manufacture and composition, and is software per se.

The dependent claims are rejected under the same rational.

As per independent claim 13

The independent claim 13 is directed to a position display "method". The claim recites a series of steps without producing a physical transformation. The claimed subject matter lacks a practical application of a judicial exception (law of nature, abstract idea, naturally occurring article/phenomenon) since it fails to produce a useful and tangible result.

The dependent claims are rejected under the same rationale.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1, 2, 4-6, 10, 11, 19, 21 and 22 are rejected under 35 U.S.C. 103(a) as being unpatentable over USPTN 5,867,110 issued to Naito et al., ("Naito") in view of USPTN 6,263,347 issued to Kobayashi et al., ("Kobayashi"), further in view of USPTN 5,835,916 issued to Inaki et al., ("Inaki"), and further in view of USPTN 5,544,052 issued to Fujita et al., ("Fujita").

As per claim 1, discloses Naito "system for managing an object positioned in a management in a building area" as each data set concerning a particular position is associated with a particular area, and the host computer is adapted to determine based upon the received position information data (see col. 3, lines 22-25), the system comprising:

"a host computer comprising a database which stores map data of the management area and position data of a tangible object to be managed is stored in relation to attribute data of the object to be managed used for identifying the object to be managed" as a communication host apparatus which

includes a database for storing a plurality of data set wherein each concerns a predetermined position (see cot. 1, lines 67 to cot. 2, lines 3);

"a portable terminal machine" as a portable terminal which is capable of retrieving data set (object information) from a database which concerns the position of the object (see figure 1, element 12; cot. 2, line 18-19) "configured to specify the object to be managed" as a means for detecting a signal receives from an artificial satellite, in which generates position information data indicative of the current position of the portable terminal based on the signal (see cot. 5, lines 29-37); and

"data communication means for transferring only a selected database from the host computer to the portable terminal machine so that only information about the object to be managed" as a means for transmitting the appropriate data to the portable terminal (see cot. 2, lines 25-28) and physical surrounding attributes is transferred to the portable terminal" (see col. 3, lines 16-61), and

"an editing means for editing the coordinate data of a new object to be managed or when the object to be managed is being moved to a new location" as updating the content of the database based on the received information "data" (see col. 12, lines 35-41),

"wherein the portable terminal machine displays a map of the management area in the building and a position of the object to be managed on the map according to the coordinate data in the database transferred from the host computer to the portable terminal machine and the physical surrounding attributes" as based on the information received from the host computer, the display mean displays the corresponding data obtained by the data processing, wherein the user of the portable terminal can obtain appropriate information regarding circumstances of a desire location of the object (see cot. 2, lines 28-34).

Naito fails to explicitly disclose the claimed among a plurality of objects to be managed. However, Kobayashi discloses the claimed the portable remote terminal which is selected from the host data base and a record item of the object data, creating on the portable terminal an item definition data base which defines a record attribute, an object storage data base which stores object data on a record basis correspondingly to the item definition data base, a relation definition data base which defines relation among object data stored in the object storage data base and a definition data base which defines among

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the respective data bases created (see Kobayashi col. 5, lines 6-40). It would have been obvious to a person of ordinary skill in the art to modify the combined system of Naito and Kobayashi by among a plurality of objects to be managed as disclosed by Kobayashi (see Kobayashi col. 5, lines 6-16). Such a combination would allow the system of Naito and Kobayashi to improve the reliability of the system for managing objects based on position data, and to provide a system for linking data between a computer and a portable remote terminal which extracts data of a host data base on the computer into the portable remote terminal (see Kobayashi col. 2, lines 52-55).

While, Naito and Kobayashi fail to explicitly disclose the claimed the position data including coordinate data comprising starting points "X" and "Y" and end points "X" and "Y" for each object to be managed. However, Inaki discloses the claimed data indicates the type of the object, it also refers as object management data, object ranges data are represented by data on the coordinates start points X and Y and data on the coordinates for the end X and Y (see Inaki, col. 4, lines 40-46). It would have been obvious to a person of ordinary skill in the art to modify the system of Naito and Kobayashi and Inaki by position data including coordinate data comprising starting points "X" and "Y" and end points "X" and "Y" for each object to be managed. Such a combination would allow the system of Naito and Kobayashi and Inaki to improve the speed of the process to acquire the attribute information necessary for displaying the reset cell "area" (see Inaki, col. 12, lines 62-64).

Also, the combination of Naito, Kobayashi and Inaki fail to explicitly disclose the claimed wherein the coordinate data for each object to be managed is related to the map data. Fujita discloses wherein the coordinate data for each object to be managed is related to the map data (see Fujita col. 6, lines 1-8). It would have been obvious to a person of ordinary skill in the art to modify the system of Naito, Kobayashi and Inaki by the coordinate data for each object to be managed is related to the map data as disclosed by Fujita (see Fujita col. 6, particularly, lines 3-5). Such a modification would allow the system of Naito and Kobayashi and Inaki to provide displaying a reference line having a function to assist an analysis (see Fujita col. 3, lines 60-63).

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As per claim 2, Naito discloses, "wherein the portable terminal machine" (see figure 12 and corresponding text) includes: "a data storing unit for storing the database transferred from the host computer" as a means for transmitting the appropriate data to the portable terminal (see col. 2, lines 25-28);

"a condition inputting unit for entering a retrieval condition" as the data processing unit 24 executes the data processing based upon the received retrieval data set (see col. 10, lines 911);

"and a searching unit for searching the database according to the retrieval condition to obtain the position data from the database when the attribute data of the object matches the retrieval condition" as the data processing unit 24 retrieves the data in the second database of the database 32 based upon the impassable road section information data 206 to obtain the intersection position data 402, 403 in association with the road identification number contained in the impassable road section information data 206 (see col. 10, lines 28-34).

As per claim 4, Naito discloses, "wherein the host computer includes a data synchronization unit for synchronizing data in the database stored in the data storing unit of the portable terminal machine with data in the database held in the host computer" as based upon the supplied texts information data and intersection position data, displays on the screen thereof an image of a map in which the road sections and the route toward the destination are specified (see col. 10, lines 44-55).

As per claim 5, Naito discloses, wherein the object to be managed is a computer (see Naito, col. 1, line 65 to col. 2, lines 20).

As per claim 6, Naito discloses "a retrieval system" as a portable terminal which is capable of retrieving data set (object information) from a database (see col. 2, lines 18-19), comprising:

"a host computer including a database, which database is output by the host computer on request, in which retrieval information and position information of tangible objects to be managed in the management area are held in relation to each other" as a communication host apparatus which includes a

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database for storing a plurality of data set wherein each concerns a predetermined position (see col. 1, lines 67 to col. 2, lines 3); and

"a portable terminal machine for receiving and storing the database output by the host computer" as host apparatus being responsive to a portable terminal which is capable of retrieving data set (object information) from a database which concerns the position of the object (see figure 1, element 12; col. 2, line 16-19);

"wherein the portable terminal machine includes: a searching unit for searching the retrieval information in the database according to a condition specified by a user to identify a match between the retrieval information and the condition" as the data processing unit retrieves the data in the second database of the database based upon the; impassable road section information data to obtain the intersection position data in association with the road identification number contained in the impassable road section information data (see col. 10, lines 28-34); and

"a map display unit displaying one of plural floor maps of the management area and a position where the particular object is managed on a map according to the position information" as specify an area in the map to be displayed on the screen of the display unit so as to read appropriate map from the map database (see col. 10, lines 25-27),

"the map including physical attributes of both the object and attributes of an environment surrounding the object to be managed" as updating the content of the database based on the received information "data" (see col. 12, lines 35-41).

Naito fails to explicitly disclose the claimed consequently to specify the position information of a particular object of the objects to be managed. However, Kobayashi discloses the claimed the portable remote terminal which is selected from the host data base and a record item of the object data, creating on the portable terminal an item definition data base which defines a record attribute, an object storage data base which stores object data on a record basis correspondingly to the item definition data base, a relation definition data base which defines relation among object data stored in the object storage data base and a definition data base which defines among the respective data bases created (see Kobayashi col. 5, lines 6-40). It would have been obvious to a person of ordinary skill in the art to modify the

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combined teachings of Naito and Kobayashi with consequently to specify the position information of a particular object of the objects to be managed. Such a combination would allow the teachings of Naito and Kobayashi to improve the reliability of the system for managing objects based on position data, and to provide a system for linking data between a computer and a portable remote terminal which extracts data of a host data base on the computer into the portable remote terminal (see Kobayashi col. 2, lines 52-55).

While, Naito and Kobayashi fail to explicitly disclose the claimed an editing means for editing coordinate data of a new object to be managed or when any of the objects to be managed is moved to a new location, coordinate data including starting points "X" and "Y" and end points "X" and "Y". However, Inaki discloses the claimed data indicates the type of the object, it also refers as object management data, object ranges data are represented by data on the coordinates start points X and Y and data on the coordinates for the end X and Y (see Inaki, col. 4, lines 40-46). It would have been obvious to a person of ordinary skill in the art to modify the combined teachings of Naito and Kobayashi and Inaki with an editing means for editing coordinate data of a new object to be managed or when any of the objects to be managed is moved to a new location, coordinate data including starting points "X" and "Y" and end points "X" and "Y". Such a combination would allow the teachings of Naito and Kobayashi and Inaki to improve the speed of the process to acquire the attribute information necessary for displaying the reset cell "area" (see Inaki col. 12, lines 62-64).

As per claim 10, in addition to claims 1 and 7, Naito further discloses "an apparatus for managing data of an object to be managed" as a mean for displaying the corresponding data obtained by the data processing, wherein the user of the portable terminal can obtain appropriate information regarding circumstances of a desire location of the object (see cog. 2, lines 28-34); comprising;

"a database storing unit for storing; a database that includes map data used to display a map of an area in which an object to be managed is positioned, position data of a display mark that denotes the position of the object to be managed on the map, and attribute data used to identify the object to be

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managed" as a map stored in the database in which an specific area in the map to be displayed of the display unit to read out appropriate map data (see cog. 10, lines 25-27); and

"a database outputting unit for outputting the database to a portable terminal machine in response to a request from the portable terminal machine" as host apparatus being responsive to a portable terminal which is capable of retrieving data set (object information) from a database which concerns the position of the object (see figure 1, element 12; col. 2, line 16-19) "so that only information about the object to be managed and physical attributes of a surrounding environment is transferred to the portable terminal" (see col. 2, lines 9-16); and

"a map display unit displaying the map of the area according to the map data in the database and displaying the position and shape of the object on the map" (see col. 5, lines 1-6).

As per claim 11, Naito discloses, "the apparatus further including a map display unit fog displaying the map according to the map data in the database" as to specific area in the map to be displayed on the screen of the display unit so as to read out appropriate map data from the map database (see cot. 10, lines 25-27);

"a mark drawing unit for enabling; a user to draw a display mark on the map displayed by the map display unit" as a user touches the touch panel the input device detects the operation and provides the data processing unit with instructions, in which the display unit displays on a display screen images corresponding to the results of data processing by the data processing unit (see cot. 4, lines 55 to cot. 5, line 3);

"a coordinate obtaining unit for obtaining coordinates of the display mark drawn by the mark drawing unit" as a user touches the touch panel the input device detects the operation and provides the data processing unit with instructions, in which the display unit 22 display; on a display screen images corresponding; to the results of data processing by the data processing unit (see cot. 4, lines 65 to col. 5, line 3), and column 9, lines 51-54; and

"a data storing unit for storing the coordinate data in the database as the position data o: the display mark" (see figure 1, element 32, cog. 4, lines 58-59).

As per claim 19, Naito discloses the claimed subject matter except the claimed managed independent of the position of the portable terminal and the object to be managed. However, Kobayashi discloses the claimed the portable remote terminal which is selected from the host data base and a record item of the object data, creating on the portable terminal an item definition data base which defines a record attribute, an object storage data base which stores object data on a record basis correspondingly to the item definition data base, a relation definition data base which defines relation among object data stored in the object storage data base and a definition data base which defines among the respective data bases created (see Kobayashi col. 5, lines 6-40). It would have been obvious to a person of ordinary skill in the art to modify the combined teachings of Naito and Kobayashi with among a plurality of objects to be managed. Such modification would allow the teachings of Naito and Kobayashi to improve the reliability of the system for managing objects based on position data, and to provide a system for linking data between a computer and a portable remote terminal which extracts data of a host data base on the computer into the portable remote terminal (see Kobayashi col. 2, lines 52-55).

As per claim 21, Naito discloses "the portable terminal machine displays the position of the object to be managed in relation to fixed items on the map" (see col. 8, lines 25-29).

As per claim 22, Naito discloses "the tangible object to be managed comprises one of a machine and a book" (see col. 8, lines 22-25).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 7, 8, 13-18, 20 and 23-25 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Pat. No. 5,867,110 issued to Naito et al., ("Naito") in view of U.S. Pat. No. 6,263,347 issued to Kobayashi et al., ("Kobayashi").

As per claim 7, in addition to claim 1, Naito further discloses "a portable position display apparatus for displaying a position of an object to be managed" as the data processing unit 24 refers to the position information data indicative of its own current position of the portable terminal, in which to specify an area in the map to be displayed on the screen of the display unit so as to read appropriate map from the map database (see cot. 2, lines 22-34), comprising:

"a data storing unit for storing a database that includes map data used to display a map of an area of an area of the management area in the building in which the object to be managed is positioned, position data used to locate the object to be managed on the map, and wherein the position data is stored in relation to the attribute data" as a map stored in the database in which an specific area in the map to be displayed of the display unit to read out appropriate map data (see cot. 10, lines 2.5-27);

"a condition input unit for enabling a user to enter a retrieval condition" as a means for entering a new interval time through the input device 20 (see cot. 11, lines 38-39);

"a searching unit for searching the database stored in the data storing unit according to the retrieval condition to identify a match between the attribute data and the retrieval condition" as a means for searching the data in the second database of the database based upon the shelter route information

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data to obtain the intersection position data in association with the road identification number contained in the shelter route information data (see cot. 10, lines 33-37); and

"a map display unit [[for]] displaying the map of the area and a position of the object to be managed on the map according to the map data and the position data in the database when a match is identified by the searching unit" as specify an area in the map to be displayed on the screen of the display unit so as to read appropriate map from the map database (see cot. 10, lines 25-27).

Naito fails to explicitly disclose the claimed consequently to identify position data of the object to be managed independent of the portable position display apparatus's position. However, Kobayashi discloses the claimed the portable remote terminal which is selected from the host data base and a record item of the object data, creating on the portable terminal an item definition data base which defines a record attribute, an object storage data base which stores object data on a record basis correspondingly to the item definition data base, a relation definition data base which defines relation among object data stored in the object storage data base and a definition data base which defines among the respective data bases created (see Kobayashi col. 5, lines 6-40). It would have been obvious to a person of ordinary skill in the art to modify the combined teachings of Naito and Kobayashi with consequently to identify position data of the object to be managed independent of the portable position display apparatus's position. Such modification would allow the teachings of Naito and Kobayashi to improve the reliability of the system for managing objects based on position data, and to provide a system for linking data between a computer and a portable remote terminal which extracts data of a host data base on the computer into the portable remote terminal, and display, edit the extracted data of the portable remote terminal (see Kobayashi col. 2, lines 52-56).

As per claim 8, Naito discloses, "the apparatus further including a data receiving unit for receiving the database" as means for including retrieval from the database (32) based upon data (see cot. 5, lines 8-9).

As per claim 13, in addition to claim 1, Naito further discloses "a position display method" as a means for displaying images based upon data obtained by the data processing, in which the portable terminal further including current position detecting means for detecting its current position (see col. 2, lines 811), comprising the steps of:

"storing a database that includes reap data used to display an area in which a plurality of objects to be managed are placed as a map, position data used to display a position of each of the plurality of objects to be managed in the area on the map, and attribute data used to identify each object to be managed in a locally unique way" as based on the information received from the host computer, the display mean displays the corresponding data obtained by the data processing, wherein the user of the portable terminal can obtain appropriate information regarding circumstances of a desire location of the object (see col. 2, lines 28-34);

"reading the map data and the position data of the specific object to be managed from the database" as to specify an area in the map to be displayed on the screen on the display unit so as to read out appropriate map data from the map database, (see col. 10, lines 26-28); and

"displaying the position of the specific object to be managed in the area on the map according to the map data and the position data read from the database" as to specify an area in the map to be displayed on the screen on the display unit so as to read out appropriate map data from the map database (see col. 10, lines 26-28), and column 2, lines 28-34.

As per claim 14, Naito discloses, "wherein the database is received from a host computer and stored in the database storing step" as a communication host apparatus which includes a database for storing a plurality of data set wherein each concerns a predetermined position (see col. 1, lines 67 to col. 2, lines 3).

As per claim 15, Naito discloses, "wherein the database is updated by the host computer" as the host computer 50 transmits data to the portable terminal via the network system and writes appropriate data to the database (see col. 5, lines 60-65).

As per claim 16, Naito discloses, "wherein the host computer updates the database at predetermined times" as means for responsive to the time up signal to transmit the position information data indicative of the current position of the portable terminal to the communication host apparatus (see col. 2, lines 39-41).

As per claim 17, Naito further discloses "a computer readable storage medium that stores a program to be executed by a computer" as a communication host apparatus which includes a database for storing a plurality of data set wherein each concerns a predetermined position (see col. 1, lines 67 to col. 2, lines 3), the program enabling the computer to execute:

"a first process for displaying a map based on map data and on position data of an object that is positioned and managed in a specific area, wherein the map data and the position data are stored in a database" as based on the information received from the host computer, the display mean displays the corresponding data obtained by the data processing, wherein the user of the portable terminal can obtain appropriate information regarding circumstances of a desire location of the object (see col. 2, lines 25-34);

"a second process for drawing a display mark of the object to be managed" as based upon the supplied the second text information data, in which the display unit displays on the screen a text corresponding to the text information data (see col. 10, lines 44-46);

"a third process for obtaining coordinate data of the drawn display mark on the map" as based upon the supplied intersection position area, in which displays on the screen an image of a map and the road sections (see col. 10, lines 46-49); and

"a fourth process for storing the coordinate data in the database in relation to entered data of the object" as a communication host apparatus which includes a database for storing a plurality of data set wherein each concerns a predetermined position (see col. 1, lines 67 to col. 2, lines 3).

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As per claim 18, Naito discloses, "wherein the program further enables the computer to execute a process for presenting a list of objects to be managed, read from the database, so as to prompt the user to specify a particular object to be managed and to be stored in relation to the coordinate data in the fourth process" as a communication host apparatus which includes a database for storing a plurality of data set wherein each concerns a predetermined position (see col. 1, lines 67 to col. 2, lines 3), and column 10, lines 26-28.

As per claim 20, the limitations of claim 20 are rejected in the analysis of claim 13, and this claim is rejected on that basis.

As per claim 23, Naito discloses "the map display unit displays the position of the object to be managed in relation to fixed items on the map and the object to be managed comprises a machine" (see col. 8, lines 25-29).

As per claims 24 and 25, Naito discloses "the tangible object to be managed comprises one of a machine and a book" (see col. 8, lines 22-25).

Allowable Subject Matter

3. Claims 3, 9 and 12 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

CONTACT INFORMATION

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to JEAN B. FLEURANTIN whose telephone number is (571)272-4035. The examiner can normally be reached on 10:00 to 6:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, JOHN E. BREENE can be reached on 571 - 272-4107. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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